

AUTHOR INDEX VOLUME 6 (1987)

(The issue number is given in front of the page numbers)

Aboudi, J., Constitutive relations for cracked metal matrix composites (4) 303-315

Arimitsu, Y., *see* **K. Nishioka** (2) 139-145

Beltzer, A.I. and **N. Brauner**, The dynamic response of random composites by a causal differential method (4) 337-345

Benveniste, Y., A new approach to the application of Mori-Tanaka's theory in composite materials (2) 147-157

Brauner, N., *see* **A.I. Beltzer** (4) 337-345

Charalambides, P.G. and **R.M. McMeeking**, Finite element method simulation of crack propagation in a brittle microcracking solid (1) 71- 87

Dawson, P.R., *see* **K.K. Mathur** (3) 179-196

Dehn, M.H., *see* **P.P. Gillis** (4) 293-301

Florence, A.L., *see* **J.K. Gran** (2) 113-125

Follansbee, P.S., *see* **M.S. Stout** (1) 1- 10

Garg, S.K., On balance laws for fluid-saturated porous media (3) 219-232

Gillis, P.P., **S.E. Jones** and **M.H. Dehn**, Some further results on the Taylor impact test (4) 293-301

Gran, J.K., **Y.M. Gupta** and **A.L. Florence**, An experimental method to study the dynamic tensile failure of brittle geologic materials (2) 113-125

Gupta, Y.M., *see* **J.K. Gran** (2) 113-125

Hori, M., *see* **S. Nemat-Nasser** (3) 245-269

Hoysan, S.F., *see* **P.S. Steif** (3) 197-210

Irani, F.K. and **A.S. Khan**, Failure behavior of rocks at ambient temperature (4) 271-283

Irani, F.K., *see* **A.S. Khan** (4) 285-292

Jones, S.E., *see* **P.P. Gillis** (4) 293-301

Khan, A.S. and **F.K. Irani**, An experimental study of stress wave transmission at a metallic-rock interface and dynamic tensile failure of sandstone, limestone, and granite (4) 285-292

Khan, A.S., *see* **F.K. Irani** (4) 271-283

Krajcinovic, D., *see* **D. Sumarac** (1) 39- 52

Krausz, A.S., *see* **J.S. Mshana** (2) 95-111

Kraynik, A.M., *see* **W.E. Warren** (1) 27- 37

Lizzio, R., *see* **L. Stagni** (1) 17- 25

Lovato, M.L., *see* **M.S. Stout** (1) 1- 10

Luo, H.A. and **G.J. Weng**, On Eshelby's inclusion problem in a three-phase spherically concentric solid, and a modification of Mori-Tanaka's method (4) 347-361

McMeeking, R.M., *see* **P.G. Charalambides** (1) 71- 87

Mathur, K.K. and **P.R. Dawson**, On modeling damage evolution during the drawing of metals (3) 179-196

Mehrabadi, M.M. and **S. Nemat-Nasser**, Some basic kinematical relations for finite deformations of continua (2) 127-138

Mshana, J.S. and **A.S. Krausz**, Constitutive equation of plastic deformation of a Zn-Al alloy under tension-tension strain controlled cyclic loading (2) 95-111

Nemat-Nasser, S. and **M. Hori**, Toughening by partial or full bridging of cracks in ceramics and fiber reinforced composites (3) 245-269

Nemat-Nasser, S., *see* **M.M. Mehrabadi** (2) 127-138

Newborn, M.A. and **P.S. Steif**, Elastic moduli of colony-based lamellar solids (3) 211-217

Nishioka, K., **T. Takai**, **Y. Arimitsu** and **T. Ohashi**, A method of analyzing elastic constraints due to grain or interphase boundaries (2) 139-145

Ohashi, T., *see* **K. Nishioka** (2) 139-145

Ortiz, M., An analytical study of the localized failure modes of concrete (2) 159-174

Parameswaran, V.R., Failure time in creep (1) 89- 91

Parameswaran, V.R., Extended failure time in the creep of frozen soils (3) 233-243

Rice, J.R., Tensile crack tip fields in elastic-ideally plastic crystals (4) 317-335

Rose, L.R.F., Toughening due to crack-front interaction with a second-phase dispersion (1) 11- 15

Stagni, L. and **R. Lizzio**, Interaction of an edge dislocation with a lamellar inhomogeneity (1) 17- 25

Steif, P.S. and **S.F. Hoysan**, An energy method for calculating the stiffness of aligned short-fiber composites (3) 197-210

Steif, P.S., *see* **M.A. Newborn** (3) 211-217

Stout, M.S., P.S. Follansbee and M.L. Lovato,
An evaluation of incremental testing to large
strain in OFE copper (1) 1- 10

Sumarac, D. and D. Krajcinovic, A self-con-
sistent model for microcrack-weakened solids (1) 39- 52

Takai, T., see K. Nishioka (2) 139-145

Tvergaard, V., Ductile shear fracture at the
surface of a bent specimen (1) 53- 69

Warren, W.E. and A.M. Kraynik, Foam mech-
anics: the linear elastic response of two-di-
mensional spatially periodic cellular materi-
als (1) 27- 37

Weng, G.J., see H.A. Luo (4) 347-361